| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|--------|---|--------------------|---------------------|---------|------------------|
| S1 | 4 | ("5347586" "5558298" "5940519" " 6138947").PN. | US-PGPUB; USPAT | OR | OFF | 2005/09/15 16:50 |
| S2 | 2 | ("6772074" "6856920").pn. | US-PGPUB; USPAT | OR | OFF | 2005/09/19 12:38 |
| S3 | 4 | 10/084,774 or 10/084,254 or 10/085,037 | US-PGPUB; USPAT | OR | OFF | 2005/09/15 16:39 |
| S4 | 4 | 10/083,774 or 10/084,254 or 10/085,037 | US-PGPUB; USPAT | OR | OFF | 2005/09/15 16:39 |
| S5 | 587822 | noise or vibration | US-PGPUB; USPAT | OR | OFF | 2005/09/15 16:50 |
| S6 | 453138 | S5 and (control\$4 or cancel\$) | US-PGPUB; USPAT | OR | OFF | 2005/09/15 16:51 |
| S7 | 29836 | S6 and harmonic | US-PGPUB; USPAT | OR | ON | 2005/09/15 16:53 |
| S8 | 14369 | S7 and (sample or sampling or sampler) | US-PGPUB; USPAT | OR | ON | 2005/09/15 16:54 |
| S9 | 7025 | S8 and (sensor transducer) | US-PGPUB; USPAT | OR | ON | 2005/09/15 16:55 |
| S10 | 98450 | S9 and (fourier with transform) or (ft fft) | US-PGPUB; USPAT | OR | ON | 2005/09/15 16:57 |
| S11 | 2466 | S9 and ((fourier with transform) or (ft fft)) | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:49 |
| S12 | 688 | S11 and (aliasing alias antialiasing anti-aliasing) | US-PGPUB; USPAT | OR | ON | 2005/09/15 16:59 |
| S13 | 27717 | down with (sampl\$) | US-PGPUB; USPAT | OR | OFF | 2005/09/15 17:00 |
| S14 | 221 | S12 and S13 | US-PGPUB; USPAT | OR | OFF | 2005/09/20 15:37 |
| S15 | 587822 | noise or vibration | US-PGPUB; USPAT | OR | OFF | 2005/09/16 13:49 |
| S16 | 453138 | S15 and (control\$4 or cancel\$) | US-PGPUB; USPAT | OR | OFF | 2005/09/16 13:49 |
| S17 | 29836 | S16 and harmonic | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:49 |
| S18 | 14369 | S17 and (sample or sampling or sampler) | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:49 |
| S19 | 7025 | S18 and (sensor transducer) | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:49 |
| S20 | 2466 | S19 and ((fourier with transform) or (ft fft)) | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:49 |
| S21 | 27717 | down with (sampl\$) | US-PGPUB; USPAT | OR | OFF | 2005/09/16 13:49 |
| S22 | 352 | S20 and S21 | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:50 |

| 688 | S20 and (aliasing alias antialiasing anti-aliasing) | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:50 |
|------------------|--|---|--|--|-----------------------------------|
| 221 | S23 and S21 | US-PGPUB; USPAT | OR | OFF | 2005/09/16 13:50 |
| 131 | S22 not S24 | US-PGPUB; USPAT | OR | ON | 2005/09/16 13:51 |
| 425 | 702/56.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/16 15:40 |
| 135 [.] | 381/94.2.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/16 15:41 |
| 156 | 381/94.3.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/09/16 15:41 |
| 698 | S26 S27 S28 | US-PGPUB; USPAT | OR | OFF | 2005/09/16 15:41 |
| 31 | S29 and (down with sampl\$) | US-PGPUB; USPAT | OR | OFF | 2005/09/16 15:51 |
| 246 | S29 and amplitude and phase | US-PGPUB; USPAT | OR | OFF | 2005/09/16 17:11 |
| 93 | S31 and harmonic | US-PGPUB; USPAT | OR | ON | 2005/09/16 15:51 |
| 323 | S29 and ((amplitude and phase) or harmonic) | US-PGPUB; USPAT | OR | ON | 2005/09/16 17:13 |
| 207 | S33 and sampl\$ | US-PGPUB; USPAT | OR | ON | 2005/09/16 17:14 |
| 5609 | (vibration or noise) with cancellation | US-PGPUB; USPAT | OR | OFF | 2005/09/19 16:59 |
| 1102 | S35 and (downsampl\$ or (sampl\$ with rate)) | US-PGPUB; USPAT | OR | OFF | 2005/09/19 12:40 |
| 933 | S36 and (harmonic magnitude phase) | US-PGPUB; USPAT | OR | ON | 2005/09/19 12:42 |
| 12 | S37 and (harmonic with coefficient) | US-PGPUB; USPAT | OR | ON | 2005/09/19 14:00 |
| 309 | S36 and harmonic | US-PGPUB; USPAT | OR | ON | 2005/09/19 14:00 |
| 587822 | noise or vibration | US-PGPUB; USPAT | OR | OFF | 2005/09/19 16:58 |
| 4366 | S40 near (cancel or cancellation) | US-PGPUB; USPAT | OR | OFF | 2005/09/19 16:59 |
| 662 | S35 and actuator | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:00 |
| 92 | S42 and (alias or aliasing or antialiasing or anti-aliasing) | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:01 |
| 79 | S43 and sampl\$ | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:02 |
| 76 | S44 and (harmonic or amplitude or phase) | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:32 |
| | 221 131 425 135 156 698 31 246 93 323 207 5609 1102 933 12 309 587822 4366 662 92 79 | anti-aliasing) S23 and S21 S22 not S24 425 702/56.ccls. 381/94.2.ccls. 381/94.3.ccls. 698 S26 S27 S28 31 S29 and (down with sampl\$) 246 S29 and amplitude and phase 93 S31 and harmonic 323 S29 and ((amplitude and phase) or harmonic) 207 S33 and sampl\$ (vibration or noise) with cancellation 1102 S35 and (downsampl\$ or (sampl\$ with rate)) 933 S36 and (harmonic magnitude phase) 12 S37 and (harmonic with coefficient) 309 S36 and harmonic 587822 noise or vibration 587823 noise or vibration 587824 and (alias or aliasing or anti-aliasing) 5873 and sampl\$ 5874 and (harmonic or amplitude or | anti-aliasing) 221 S23 and S21 US-PGPUB; USPAT 131 S22 not S24 US-PGPUB; USPAT 135 702/56.ccls. US-PGPUB; USPAT 136 381/94.2.ccls. US-PGPUB; USPAT 137 381/94.2.ccls. US-PGPUB; USPAT 138 381/94.3.ccls. US-PGPUB; USPAT 139 S26 S27 S28 US-PGPUB; USPAT 130 S29 and (down with sampl\$) US-PGPUB; USPAT 131 S29 and amplitude and phase US-PGPUB; USPAT 132 S29 and ((amplitude and phase) or harmonic) 133 S29 and ((amplitude and phase) or harmonic) 134 US-PGPUB; USPAT 135 US-PGPUB; USPAT 136 US-PGPUB; USPAT 137 S33 and sampl\$ US-PGPUB; USPAT 138 US-PGPUB; USPAT 1102 S35 and (downsampl\$ or (sampl\$ US-PGPUB; USPAT 1102 S35 and (harmonic magnitude phase) 12 S37 and (harmonic with coefficient) 139 S36 and harmonic 140 US-PGPUB; USPAT 150 US-PGPUB; US-PAT 150 US-PGPUB; US-PGPU | anti-aliasing) 221 S23 and S21 US-PGPUB; US-PAT 131 S22 not S24 US-PGPUB; US-PAT 425 702/56.ccls. US-PGPUB; US-PAT 135 381/94.2.ccls. US-PGPUB; US-PAT 136 381/94.3.ccls. US-PGPUB; US-PAT 137 S29 and (down with sampls) US-PGPUB; US-PAT 138 S29 and amplitude and phase US-PGPUB; US-PAT 139 S31 and harmonic US-PGPUB; OR US-PAT 130 S29 and ((amplitude and phase) or harmonic) 131 S29 and ((amplitude and phase) or harmonic) 132 S29 and ((amplitude and phase) or harmonic) 133 S33 and sampls US-PGPUB; OR US-PAT 140 S35 and (downsampls) or (sampls) US-PGPUB; OR US-PAT 150 US-P | anti-aliasing) 221 \$23 and \$21 |

| | | • | | | | |
|-----|--------|--|----------------------------|----|-----|------------------|
| S46 | 4305 | S35 and (harmonic or amplitude or phase) | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:32 |
| S47 | 587822 | noise or vibration | US-PGPUB; USPAT | OR | OFF | 2005/09/19 17:33 |
| S48 | 106527 | S47 and (harmonic or (phase and amplitude)) | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:33 |
| S49 | 53544 | S48 and sampl\$ | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:34 |
| S50 | 6839 | S49 and (alias or aliasing or antialiasing or anti-aliasing) | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:36 |
| S51 | 4261 | S50 and ((sampl\$ with rate) or (downsample down with sample)) | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:38 |
| S52 | 3424 | S51 and (bpf or bandpass or band) | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:39 |
| S53 | 1702 | S52 and (sensor microphone transducer) | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:40 |
| S54 | 1240 | S53 and bandwidth | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:43 |
| S55 | 1135 | S54 not watermark | US-PGPUB; USPAT | OR | ON | 2005/09/19 17:57 |
| S56 | 18 | S55 and downsample | US-PGPUB; USPAT | OR | ON | 2005/09/19 18:04 |
| S57 | 70 | S55 and downsampl\$ | US-PGPUB; USPAT | OR | ON | 2005/09/19 18:16 |
| S58 | 35 | S55 and undersampl\$ | US-PGPUB; USPAT | OR | ON | 2005/09/19 18:16 |
| S60 | 719 | undersampling | US-PGPUB; USPAT | OR | OFF | 2005/09/20 15:27 |
| S61 | 14 | S60 and downsampl\$ | US-PGPUB; USPAT | OR | OFF | 2005/09/20 15:27 |
| S62 | 877465 | sampl\$ | US-PGPUB; USPAT | OR | OFF | 2005/09/20 15:38 |
| S63 | 2592 | S62 and (upper with bound) and (lower with bound) | US-PGPUB; USPAT | OR | OFF | 2005/09/20 15:39 |
| S64 | 131 | S63 and bandpass | US-PGPUB; USPAT | OR | OFF | 2005/09/20 16:05 |
| S65 | 1 | "0814279" | US-PGPUB; USPAT; EPO | OR | OFF | 2005/09/20 16:06 |
| S66 | 10 | "814279" | US-PGPUB; USPAT; EPO | OR | OFF | 2005/09/20 16:06 |